

APPARATUS AND METHOD FOR PERFORMING AN OVER-THE-AIR
SOFTWARE UPDATE IN A DUAL PROCESSOR MOBILE STATION

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ABSTRACT OF THE DISCLOSURE

A wireless communication device for accessing a wireless network and downloading a software upgrade file. The wireless communication device comprises: i) a CPU for controlling wireless communications with the wireless network; ii) a first memory associated with the first CPU; iii) a CPU for executing at least one end-user application on the wireless communication device; and iv) a second memory associated with the second CPU. The first CPU downloads the software upgrade file from the wireless network and stores the downloaded software upgrade file in the second memory for subsequent execution. The first CPU and the second COU share resources in order to carry out software upgrades for either or both CPUs.